2848-56-PCT.ST25.txt SEQUENCE LISTING

<110> Hutton, John C. O'Brien, Richard Davidson, Howard Hackl, Seija <120> Use of Islet Glucose-6-Phosphatase Related Protein as a Diagnostic Tool and Therapeutic Target for Autoimmune Diabetes 2848-56-PCT <130> <150> us 60/505317 <151> 2003-09-22 <160> 7 <170> PatentIn version 3.1 <210> 1068 <211> <212> DNA <213> Homo sapiens <220> <221> CDS <222> (1)..(1065)<400> atg gat ttc ctt cac agg aat gga gtg ctc ata att cag cat ttg cag Met Asp Phe Leu His Arg Asn Gly Val Leu Ile Ile Gln His Leu Gln 10 15aag gac tac cga gct tac tac act ttt cta aat ttt atg tcc aat gtt Lys Asp Tyr Arg Ala Tyr Tyr Thr Phe Leu Asn Phe Met Ser Asn Val 20 25 30 gga gac ccc agg aat atc ttt ttc att tat ttt cca ctt tgt ttt caa Gly Asp Pro Arg Asn Ile Phe Phe Ile Tyr Phe Pro Leu Cys Phe Gln
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50 55 60 gat tgg tta aat ctt ata ttt aaa tgg ata tta ttt ggt cat cga cct 240 Asp Trp Leu Asn Leu Ile Phe Lys Trp Ile Leu Phe Gly His Arg Pro
65 70 75 80 tac tgg tgg gtc caa gaa act cag att tac cca aat cac tca agt cca

Tyr Trp Trp Val Gln Glu Thr Gln Ile Tyr Pro Asn His Ser Ser Pro 85 90 95

tgc ctt gaa cag ttc cct act aca tgt gaa aca ggt cca gga agt cca

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35 40 45 Phe Asn Gln Thr Val Gly Thr Lys Met Ile Trp Val Ala Val Ile Gly 50 60 Asp Trp Leu Asn Leu Ile Phe Lys Trp Ile Leu Phe Gly His Arg Pro 75 Tyr Trp Trp Val Gln Glu Thr Gln Ile Tyr Pro Asn His Ser Ser Pro 85 90 95 Cys Leu Glu Gln Phe Pro Thr Thr Cys Glu Thr Gly Pro Gly Ser Pro 100 105 110

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Val Gly Asp Pro Arg Asn Ile Phe Ser Ile Tyr Phe Pro Leu Trp Phe
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Pro Cys Leu Glu Gln Phe Pro Thr Thr Cys Glu Thr Gly Pro Gly Ser 100 105 110

cca tct ggc cac gca atg ggc tca tcg tgc gtc tgg tat gtc atg gta

Pro Ser Gly His Ala Met Gly Ser Ser Cys Val Trp Tyr Val Met Val 115 120 125

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1167

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85 90 95 Cys Leu Glu Gln Phe Pro Thr Thr Cys Glu Thr Gly Pro Gly Ser Pro 100 105 110 Ser Gly His Ala Met Gly Ser Ser Cys Val Trp Tyr Val Met Val Thr 115 120 125 Ala Ala Leu Ser Tyr Thr Ile Ser Arg Met Glu Glu Ser Ser Val Thr 130 140 Leu His Arg Leu Thr Trp Ser Phe Leu Trp Ser Val Phe Trp Leu Ile 145 150 155 160 Gln Ile Ser Val Cys Ile Ser Arg Val Phe Ile Ala Thr His Phe Pro 165 170 175 His Gln Val Ile Leu Gly Val Ile Gly Gly Met Leu Val Ala Glu Ala 180 185 190 Phe Glu His Thr Pro Gly Val His Met Ala Ser Leu Ser Val Tyr Leu 195 200 205 Lys Thr Asn Val Phe Leu Phe Leu Phe Ala Leu Gly Phe Tyr Leu Leu 210 215 220

Leu Arg Leu Phe Gly Ile Asp Leu Leu Trp Ser Val Pro Ile Ala Lys 225 230 235 240

Lys Trp Cys Ala Asn Pro Asp Trp Ile His Ile Asp Ser Thr Pro Phe 245 250 255 Page 8

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